IN THE SPECIFICATION:

Please replace the paragraphs on page 12, lines 10-18 with the following paragraph, amended as shown:

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Fig. 2 shows the structure of CR2: Fig. 2A is a ribbon representation of the CR2 SCR1 (in
red) and SCR2 (in yellow) structures, showing the SCR fold and the packing of the two domains to
form a V shape <u>r</u> :
——————————————————————————————————————
SCR1 and SCR2 domains:
Fig. 2C is a surface representation of the two-domain arrangement of CR2:
————Fig. 2D is a representation of the dimerization of CR2 through interactions between SCR1
of each molecule: and:
Fig. 2E is a sequence alignment between human CR2 (hCR2) SCR1-2 domains (SEQ ID
NO:4) and mouse CR2 (mCR2) SCR1-2 domains (SEQ ID NO:6)
Please replace the paragraphs on page 12, lines 19-25 with the following paragraph, amended
as shown:
Fig. 3 shows the structure at the CR2-C3d interface: Figs. 3A and 3B are representations
of the surface features of the interface area on C3d (in cyan) and CR2 molecule (in yellow).
Fig. 3C shows the structure of the CR2 SCR2-C3d complex:
Figs. 3D and 3E show the detailed interactions between CR2 (in yellow) and C3d (in cyan)
in two angles <u>: and-</u>
Fig. 3F shows the human C3d sequence (SEQ ID NO:7) with secondary structure assigned
on top of the corresponding sequences